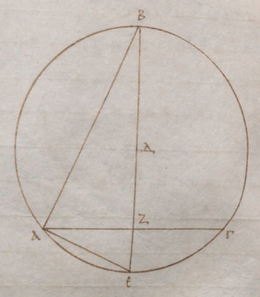

ἐστὶ τὰ ἀπὸ τῶν ΒΔΕ· ὡς ἄρα τὸ ἀπὸ τῆς ΒΕ πρὸς τὸ ἀπὸ τῆς ΔΕ, οὕτως τὰ ἀπὸ τῶν ΒΔΕ πρὸς τὰ ἀπὸ τῶν ΔΕ. ἴσον δὲ τὸ ἀπὸ τῆς ΒΕ τῷ ἀπὸ τῆς ΔΕ· ἴσα ἄρα καὶ τὰ ἀπὸ τῶν ΒΔΕ τοῖς ἀπὸ τῶν ΔΕ· τὰ ἄρα ἀπὸ τῶν ΒΔΕ τοῦ ἀπὸ τῆς ΔΕ διπλάσιά ἐστιν. ἴσον δὲ τὸ ἀπὸ τῆς ΔΓ τῷ ἀπὸ τῆς ΔΕ· καὶ τὰ ἄρα ἀπὸ τῶν ΒΔΕ τοῦ ἀπὸ τῆς ΔΓ διπλάσιά ἐστιν. ἴσον δὲ τὸ ἀπὸ τῆς ΔΓ τῷ ἀπὸ τῆς ΔΖ· καὶ τὰ ἄρα ἀπὸ τῶν ΒΔΕ τοῦ ἀπὸ τῆς ΔΖ διπλάσιά ἐστιν. ἴσον δὲ τὸ ἀπὸ τῆς ΔΖ τῷ ὑπὸ τῶν ΒΔΓ· καὶ τὰ ἄρα ἀπὸ τῶν ΒΔΕ τοῦ ὑπὸ τῶν ΒΔΓ διπλάσιά ἐστιν· ὡς δὲ τὰ ἀπὸ τῶν ΒΔΕ πρὸς τὸ ἀπὸ τῆς ΔΕ, οὕτως τὸ ὑπὸ τῶν ΒΔΓ πρὸς τὸ ἀπὸ τῆς ΔΕ· καὶ τὸ ὑπὸ τῶν ΒΔΓ ἄρα τῷ ἀπὸ τῆς ΔΕ ἴσον ἐστίν. ἐὰν ἄρα ὦσιν δύο εὐθεῖαι ἡ μὲν ΒΔ καὶ ἡ ΔΓ, καὶ τῇ μὲν ΒΔ ἴση ἀφῃρήσθω ἡ ΔΕ, τῇ δὲ ΔΓ ἴση ἀφῃρήσθω ἡ ΔΖ, καὶ γεγράφθω κύκλος περὶ τὸν ΒΕΓ κύκλον ὁ ΒΕΓΗΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ τρίγωνον ἰσόπλευρον ἐγγραφήσεται ἡ ΕΗΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ τρίγωνον ἰσόπλευρον· ὅτι ὁ αὐτὸς κύκλος περιγραφήσεται περὶ τὸ ΕΗΚΛΜΝΞΟΠΡΣΤΥΦΧΨΩ τρίγωνον ἰσόπλευρον· ἐπεὶ γὰρ ἴσον ἐστὶ τὸ ἀπὸ τῆς ΔΕ τῷ ἀπὸ τῆς ΔΖ, ἴσον ἐστὶ καὶ τὸ ἀπὸ τῆς ΔΕ τῷ ὑπὸ τῶν ΒΔΓ· ἴσον ἄρα ἐστὶ καὶ τὸ ὑπὸ τῶν ΒΔΓ τῷ ἀπὸ τῆς ΔΖ·